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## FACSIMILE

FROM: Michael A. Patané

TIMEKEEPER NO.: 2711

SENDER'S PHONE: 215.665.6966

SENDER'S FAX: 215-665-2013

# OF PAGES (INCLUDING COVER): 16

FILE NAME: AREN-10.US1.REG (AREN0122)

DATE: August 22, 2003

FILE #: 133077

RECIPIENT(S)	PHONE	FAX
Examiner Marianne P. Allen (Art Unit 1631)	703-308-0196	703-872-9306

MESSAGE: OFFICIAL FAX! PLEASE DELIVER TO EXAMINER Allen.

Serial No.: 09/301,811 Filing Date: April 28, 1999

Attachments: Transmittal form (1 sheet)  
Fee Transmittal (w/auth to charge deposit acct)  
Amendment and Request for Reconsideration  
(copy of IDS filed on February 20, 2003)

*Michael A. Patané*  
Reg. No. 42,982

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PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

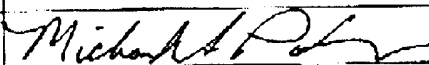
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

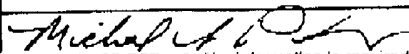
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/301,811
		Filing Date	April 28, 1999
		First Named Inventor	John R. Hurst
		Art Unit	1631
		Examiner Name	Marianne P. Allen
Total Number of Pages in This Submission	15	Attorney Docket Number	AREN-10.US1.REG(AREN-0122)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure (please identify below)
Remarks		

**FAX RECEIVED**  
**AUG 22 2003**  
**GROUP 1600**

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or individual name	Michael A. Patané, PTO Reg. No. 42,982
Signature	
Date	August 22, 2003

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO (FAX No. 703.872.9306) addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Michael A. Patané
Signature	
Date	August 22, 2003

This collection of information is required by 37 CFR 1.6. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>FEE TRANSMITTAL for FY 2003</b>		<b>Complete if Known</b>	
<small>Patent fees are subject to annual revision.</small>		Application Number	09/301,811
		Filing Date	April 26, 1999
		First Named Inventor	John R. Hunt
		Examiner Name	M.P. Allen
		Art Unit	1631
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	10 US 1,050 (formerly AEPN 0122)
<b>TOTAL AMOUNT OF PAYMENT</b> (\$)		0	

<b>METHOD OF PAYMENT (check all that apply)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																					
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None <b>Order</b>		<b>3. ADDITIONAL FEES</b>																																																																																																																					
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 50-1275 Deposit Account Name: Cozen O'Connor, P.C. The Commissioner is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>1051 130 2051 65 Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>60</td> <td>1052 60 2052 25 Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1063</td> <td>130</td> <td>1063 130 Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,620</td> <td>1812 2,620 For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804 920* Requesting publication of SIF prior to Examiner action</td> <td></td> </tr> <tr> <td>1806</td> <td>1,840*</td> <td>1806 1,840* Requesting publication of SIF after Examiner action</td> <td></td> </tr> <tr> <td>1261</td> <td>110</td> <td>1261 110 2251 55 Extension for reply within first month</td> <td></td> </tr> <tr> <td>1262</td> <td>410</td> <td>1262 410 2262 205 Extension for reply within second month</td> <td></td> </tr> <tr> <td>1263</td> <td>830</td> <td>1263 830 2253 485 Extension for reply within third month</td> <td></td> </tr> <tr> <td>1264</td> <td>1,450</td> <td>1264 1,450 2254 725 Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1266</td> <td>1,870</td> <td>1266 1,870 2255 965 Extension for reply within 6th month</td> <td></td> </tr> <tr> <td>1401</td> <td>320</td> <td>1401 320 2401 160 Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>320</td> <td>1402 320 2402 160 Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>260</td> <td>1403 260 2403 140 Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451 1,510 2451 1,510 Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>1452 110 2452 55 Petition to revive - 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late filing fee or oath		1052	60	1052 60 2052 25 Surcharge - late provisional filing fee or cover sheet		1063	130	1063 130 Non-English specification		1812	2,620	1812 2,620 For filing a request for reexamination		1804	920*	1804 920* Requesting publication of SIF prior to Examiner action		1806	1,840*	1806 1,840* Requesting publication of SIF after Examiner action		1261	110	1261 110 2251 55 Extension for reply within first month		1262	410	1262 410 2262 205 Extension for reply within second month		1263	830	1263 830 2253 485 Extension for reply within third month		1264	1,450	1264 1,450 2254 725 Extension for reply within fourth month		1266	1,870	1266 1,870 2255 965 Extension for reply within 6th month		1401	320	1401 320 2401 160 Notice of Appeal		1402	320	1402 320 2402 160 Filing a brief in support of an appeal		1403	260	1403 260 2403 140 Request for oral hearing		1451	1,510	1451 1,510 2451 1,510 Petition to institute a public use proceeding		1452	110	1452 110 2452 55 Petition to revive - unavoidable		1453	1,300	1453 1,300 2453 650 Petition to revive - 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<b>1. BASIC FILING FEE</b> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>750</td> <td>1001 750 2001 375 Utility filing fee</td> <td></td> </tr> <tr> <td>1002</td> <td>330</td> <td>1002 330 2002 165 Design filing fee</td> <td></td> </tr> <tr> <td>1003</td> <td>520</td> <td>1003 520 2003 260 Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>750</td> <td>1004 750 2004 375 Release filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>100</td> <td>1005 100 2005 50 Provisional filing fee</td> <td></td> </tr> </tbody> </table> <b>SUBTOTAL (1)</b> (\$)		Large Entity	Small Entity	Fee Description	Fee Paid	1001	750	1001 750 2001 375 Utility filing fee		1002	330	1002 330 2002 165 Design filing fee		1003	520	1003 520 2003 260 Plant filing fee		1004	750	1004 750 2004 375 Release filing fee		1005	100	1005 100 2005 50 Provisional filing fee		<b>2. EXTRA CLAIM FEES</b> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>1202 18 2202 9 Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>84</td> <td>1201 84 2201 42 Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>280</td> <td>1203 280 2203 140 Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>84</td> <td>1204 84 2204 42 ** Release independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>16</td> <td>1205 16 2205 8 ** Release claims in excess of 20 and over original patent</td> <td></td> </tr> </tbody> </table> <b>SUBTOTAL (2)</b> (\$)		Large Entity	Small Entity	Fee Description	Fee Paid	1202	18	1202 18 2202 9 Claims in excess of 20		1201	84	1201 84 2201 42 Independent claims in excess of 3		1203	280	1203 280 2203 140 Multiple dependent claim, if not paid		1204	84	1204 84 2204 42 ** Release independent claims over original patent		1205	16	1205 16 2205 8 ** Release claims in excess of 20 and over original patent																																																																					
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<b>Other fee (specify)</b> *Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3)</b> (\$)																																																																																																																					

<b>SUBMITTED BY</b>		<b>Complete if applicable</b>	
Name (Print/Type)	Michael P. Straher	Registration No. Attorney/Agent	38,325
Signature		Telephone	215-665-2000
		Date	February 20, 2003

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Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0

Complete if Known

Application Number 09/301,811  
Filing Date April 28, 1998  
First Named Inventor John R. Hurst  
Examiner Name Marianne P. Allen  
Art Unit 1001  
Attorney Docket No. AREN-00 US1 REG (AREN-0122)(133077)

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☒ Other ☐ None

☒ Deposit Account:

Deposit Account Number 50 1275

Deposit Account Name Cozen O'Connor, P.C.

The Commissioner is authorized to: (check all that apply)  
☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$0)

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
1	-34	0	0
Independent Claims	1	-2	0
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$0)

\*\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	2053	65	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
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1401	1,300	2401	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1450	130	1450	130	Petitions to the Commissioner	
1807	60	1807	60	Processing fee under 37 CFR 1.17 (q)	
1006	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1510	750	2510	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify):

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type) Michael A. Palane Registration No. Attorney/Agent 42,982 Telephone 215-665-6988  
Signature [Signature] Date 22 August 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-748-9199) and select option 2.

AREN-10.US1.REG  
(AREN-0122)

PATENT  
S/N 09/301,811

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re application of:** John R. Hurst

**Group Art Unit:** 1631

**Serial No.:** 09/301,811

**Examiner:** Marianne P. Allen

**Filed:** April 28, 1999

**Docket No.:** AREN-10.US1.REG  
(AREN-0122) (133077)

**For: SYSTEM AND METHOD FOR DATABASE SIMILARITY JOIN**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office (facsimile number 703-872-9306) on August 22, 2003.

Michael A. Patané, Reg. No. 42,982

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**AMENDMENT AND REQUEST FOR  
RECONSIDERATION UNDER 37 CFR § 1.116**

Sir:

In response to the Office Action mailed on July 28, 2003, please amend the above-identified application as follows:

**Listing of the Claims**, reflecting current amendments and status of all pending claims, begins on page 2 of this paper.

**Remarks** begin on page 3 of this paper.